

From qrp-1@lehigh.edu Wed Nov 8 14:40:00 1995
From: BOB.LIESENFELD@hamlink.mn.org (BOB LIESENFELD)
Subject: [5258] 1N5767 DIODES
Message-ID: <815788875.AA04161@hamlink.mn.org>

Hi gang,

Does anyone on the list have two 1N5767 PIN diodes they would be willing to sell me? Thanks.

72 Bob WB0POQ

Technology is OUT of control.....

---NoSnail v1.17

HAM>link< RBBS - Serving the Amateur Radio Community Since 1983

- 612/HAM-0000 v.34 Ham Radio Spoken Here!!
- 612/HAM-1010 v.32b Reply to sender @ hamlink.mn.org

From qrp-1@lehigh.edu Wed Nov 8 14:40:00 1995
From: bobh@hp-pcd.cv.hp.com (Bob Headrick)
Subject: [5245] 8044 \$9, Reflections Book \$9, etc
Message-ID: <199511072252.AA265784729@hpcvsgen.cv.hp.com>

Portland radio (now known as Ham Radio Heaven) is getting out of the ham business, and they have a bunch of stuff that might interest folks here. There is a complete list posted on rec.radio.swap, but a few in particular that might stand out:

8044-ABM keyer chips \$9 each
ARRL Reflections Book \$9 (someone here was looking for this...)

They have a bunch of books, some misc tower parts, HT accessories, etc. If you want the whole list and don't have access to rec.radio.swap send me email and I'll forward it. The contact info follows.

- Bob WA7OVU (no interest in hPortland radio other than a satisfied bargain hunter...)

CALL HAM RADIO HEAVEN ASK FOR KEN
503-233-4904

PLEASE NO E MAIL CALL ABOVE NUMBER FOR INFO TNX!
LIST UPDATED INSTANTLY IN OUR COMPUTER, YOU CAN SEND AN SASE AT ANY TIME
FOR A CURRENT LIST. PRICES WILL BE REDUCED TILL SOLD. SEND LARGE SASE TO
HAM RADIO HEAVEN, 234 SE GRAND AVE, PORTLAND, OR 97214

From qrp-1@lehigh.edu Wed Nov 8 14:40:00 1995
From: RHILT0@acxiom.com
Subject: [5231] Argosy II for sale
Message-ID: <ebe8a400@acxiom.com>

My new QRP+ arrived in time for the Sweepstakes, so now I need to sell my Ten
Tec Argosy II.

Brief list of features (I can get more detailed for anyone who wants to know
more): 80 - 10 meters, 5 or 50w out, digital readout (model 525-D), no
modifications, with crystal filter and original instruction manual, purchased
from Ten Tec in Nov 93 and used lightly since then, excellent condition, &c
&c.

This great QRP radio can be yours for \$460 (shipping paid to US only).

Please help me (reasonable offers considered)

72, Bob
ki5ez

From qrp-1@lehigh.edu Wed Nov 8 14:40:00 1995
From: RHILT0@acxiom.com
Subject: [5244] Bing... where are you?
Message-ID: <ebeb4760@acxiom.com>

Sorry for the bandwidth... I'm trying to respond to Bing WB2SXN but a
reply to your message bounces... "<ADMINH10@CLVM.BITNET>... Host
unknown (Name server: clvm.bitnet: host not found)"

Do you have another address?

Bob ki5ez

From qrp-1@lehigh.edu Wed Nov 8 14:40:00 1995
From: Marshall Emm <75230.1405@compuserve.com>
Subject: [5256] CMOS III one more time

Message-ID: <951108035335_75230.1405_HHB46-1@CompuServe.COM>

IT LIVES!

The CMOS III is locked up in its box, and appears to be function perfectly!

There is still, however, a minor problem which is something of a nuisance-- the little bugger appears to be EMITTING RF.

With the station rig (FT102) on, but not connected in any way to the keyer, "computer noise" is prominently audible in the separate speaker and the S-meter reports an "S 5" signal. I'm calling it "computer noise" because it sounds similar to interference I used to get from a personal computer. Didn't think to check other bands, but the FT102 can be tuned across 30 meters without any apparent change in the "received signal." The noise is generated both when keying the output and when "sending" command information.

A clip-lead from the steel box to station ground reduced the noise noticeably, but nowhere near completely.

Anyone else encountered this, or have any idea what can be done to correct it? It's not the end of the world-- under ordinary circumstances it is not in use when I am listening to something-- but like I said, a nuisance.

73

Marshall

AA0XI

From qrp-1@lehigh.edu Wed Nov 8 14:40:00 1995

From: Jeff Gold <JMG@tntech.edu>

Subject: [5236] confused about fox schedule

Message-ID: <01HXD60KLAF6I1CACL@tntech.edu>

I am somewhat confused about the fox schedule.. could have swore that it said the fox was tonight at 9pm EST.. was already to try.

73

Jeff

From qrp-1@lehigh.edu Wed Nov 8 14:40:00 1995

From: Charles Cashion <ccashion@spdmail.spd.dsccc.com>

Subject: [5228] courtesy?

Message-ID: <199511071807.AA20808@aplo1.spd.dsccc.com>

Gentlemen (et.al.),

Chuck Adams K5FO wrote (ca>)

ca> I got bumped from my frequency by someone from the
ca> group a few QSOs after I worked them. This threw
ca> some people off as I moved down a couple of KHz.
ca> We may have to come up with a rule or judgement on
ca> this. Not that the fox has any special priviledges,
ca> but it probably made a few people think that I had
ca> disappeared.

Roger Hightower AA7QY wrote (rh>)

rh> Didn't hear the fox in AZ at all. Mebbe next time.
rh>
rh> I would hope that on "fox nights" people in the group
rh> would have the courtesy to stay clear of the known
rh> fox freqs (7.040 and 7.110) until after the scheduled
rh> times. Seems like common sense to me.
rh>
rh> 72, de Roger, AA7QY

CC-RULE #1: If you want to see a little courtesy...
look it up in your dictionary with the other C's.

CC-RULE #2: The ham bands bring out both the best and the
worst in some people.

CC-RULE #3: The gentleman will be the first to move.

Charles Cashion

--

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+ - - - - - +  
| Charles Cashion   w.214-519-2583   h.214-881-0952 |  
| ARRL              NorCal (number unassigned)|  
| NorTex (you think Chuck is gonna assign numbers?!)|  
| ex-W5ISZ (expired just a little bit)          |  
+ - - - - - +
```

From qrp-1@lehigh.edu Wed Nov 8 14:40:00 1995
From: Larry Jones <ljones@why.net>
Subject: [5243] courtesy?

Message-ID: <199511072205.RAA109824@nss2.CC.Lehigh.EDU>

Gentlemen (et.al.),

Chuck Adams K5FO wrote (ca>)

ca> I got bumped from my frequency by someone from the
ca> group a few QSOs after I worked them. This threw
ca> some people off as I moved down a couple of KHz.
ca> We may have to come up with a rule or judgement on
ca> this. Not that the fox has any special priviledges,
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--
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| ARRL NorCal (number unassigned)|
| NorTex (you think Chuck is gonna assign numbers?!)|
| ex-W5ISZ (expired just a little bit) |
+ - - - - - +

From qrp-1@lehigh.edu Wed Nov 8 14:40:00 1995

From: Jeff Gold <JMG@tntech.edu>
Subject: [5226] Daniel Wee's address
Message-ID: <01HxD05RSLOYI1CACL@tntech.edu>

sorry to do this.. but at a loss.

Does anyone know Daniel Wees (hope I got it right) email or land
(Singapore) address.

thanks

Jeff

From qrp-1@lehigh.edu Wed Nov 8 14:40:00 1995
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [5250] FAR Circuits
Message-ID: <199511072339.XAA09347@chuck.dallas.sgi.com>

Gang,

Several weeks ago I sent to Fred Reimers, KF9GX, a letter
with a couple of bucks to fund his costs to send me a
floppy disk with his catalog and his order form on it.

I got it Friday, but didn't have equipment setup to read
it at work. I have now read it in and have placed it
at ftp.LeHigh.EDU.

I wish to thank Fred for his generosity, as I explained
that I would put it at a ftp site for this group to
access and hopefully find what you need.

So here it is:

Site: ftp.LeHigh.EDU

Files: pub/listserv/qrp-1/catalogs/farorder.txt
pub/listserv/qrp-1/catalogs/farlist.txt

farorder.txt is an order form in ASCII
farlist.txt is the catalog

You will see a .Z appended to the file names, which
means that they are compressed. If you are doing an

ftp and do a 'get' without the .Z, then you receive the files in an uncompressed format. This has been discussed at length in previous postings. So, if you have questions, send direct mail to me and not to the group.

WARNING. I put the files out without modification, so there are some lines that are more than 80 characters long. If you can not handle this, send me email and I will email you another file that has the lines "folded" to 80 characters per.

When Fred sends me updates, I will replace the old ones.

I do this for your information. I have purchased boards from Fred previously and have been satisfied. I am not an employee of FAR nor do I get any reward for doing this. If you order from Fred, be sure to mention that you saw the information here and appreciate his kind support for the QRP community, as he does supply boards for a lot of QRP projects published in ARRL journals and books, 73, Ham Radio, QRPp, QQ, and others.

If you do not have access to the super information highway, then send SASE to

Fred Reimers, KF9GX
FAR Circuits
18N640 Field Court
Dundee, IL 60118 USA

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From qrp-l@lehigh.edu Wed Nov 8 14:40:00 1995
From: mvjfm@mvubr.att.com (James M Fitton +1 508 960 2577)
Subject: [5260] Final Scores.... QRP-AField
Message-ID: <9511080527.AA27464@ig1.att.att.com>

Hi Jim, W1FMR

Here are the final results from this year's QRP-NE QRP-Afield contest.

Almost as many entries as last year, but the scores are down significantly.

Conditions, as you know, were really tough. Since they've observed a few sunspots from the next cycle, we might expect that things will be a little better in 1996. In any event, I'll get the winner plaque done for Meriden Ct. ARC (plaque donated by K5F0), and will let you know the cost.

Also, I'll do certificates for the top ten finishers and send them to you for signature.

73/2,
Chet, AA1EX

QRP-Afield 1995
Final Results

Call	Name	Location	Class	Q's	Mults	Score
W1NRG		Meriden, CT	ARC	Nr Wallingford, CT farm	Hi Field	44
25		4400				
WB3GCK		Craig LaBarge	Elverson, PA	French Ck	SPLo Field	26
13		2704				
AA7QU		Russ Carpenter		Cent. OR, 7000'	mountain Hi Field	31
20		2480				
KB2JE		Walt Windish		High Point (1800'), NJ	Hi Field	29
19		2204=20				
WK8S	Pete Meier	Waterford, MI,	Dodge	SPLo Field	25	11
		2200				
WB4ZKA		Mike Pulley		Nr Flagstaff, AZ campgrnd	Hi Field	31
13		1612				
AA1CA		Tom Doubek		Stratham Hill, NH	Lo Field	17 8
		1088				
K3NLT		Russell Mumaw		Nr Souderton, PA farm	Lo Field	15
8		1024				
N6GA	Cam Hartford	Table Mt., CA		Lo Field	14 9	1008
K5F0	NorTex-C.Adams	Richardson, TX		park	Hi Field	19
12		912				
N2CX	Joe Everhart	Camden, NJ		Hi Field	19 11	836
NN1G	Dave Benson	Union, CT, state forest		Hi Field	15	10
		600				

NF=D8R David Gauding Creve Coeure, MO park Hi Field 13
 11 572=09
 KC1FB Jim Francoeur Norwalk, CT on deck Lo Field 10
 7 560
 W1FMR Jim Fitton Mobile in NH, var. locs. Hi Field 15
 9 540
 N2MNN Steven Pituch Livingston, NJ in field Hi Field 16
 8 512
 AA1IK Ernest Gregoire Canaan, NH backyard Hi Field 11
 11 484
 WA2BQI Bud Peterson Jamestown, NY at home Hi Perm 36
 13 468
 WU7F Bob Farnsworth Cougar Mt. Park, WA Hi Field 15
 6 360
 KC1GS Bill Acito Millbury, MA back yard Hi Field 12
 7 336
 K3TKS Danny Gingell Silver Spgs., MD at home Hi Perm 23
 13 299
 W=D8MNS/7 Dave Fischer Huntsville, UT at home Hi Perm 22
 12 264
 W1XH Al Bates S. Chelmsford, MA yard Hi Field 9 6 216
 N1MVU Wallace Kimura Lebanon, NH at home Hi Perm
 10 9 90
 WA1JGK Mill Moore Hartland, VT Hi Field 4 3 48
 KT3A Cameron Bailey Manchester, PA elem. sch. Hi Field 3
 2 24
 KD6PRD/7 Joe Gervais Peoria, AZ-new home! Hi Perm 5
 4 20
 KB2VBI VARA-J. Bailey Camden, NJ Hi Field 2 2 16
 W6ZH Pete Hoover Honolulu, HI in hotel Hi Field 1 1
 4

CHESTER S. BOWLES, Vice President, Crotched Mountain Foundation
 One Verney Drive, Greenfield, NH 03047 603.547.3311 ext. 404 =
 bowles@cmf.org
 =20

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 adolescents and adults with physical and developmental challenges. [http://=](http://www.cmf.org)
www.cmf.org

From qrp-1@lehigh.edu Wed Nov 8 14:40:00 1995
 From: Duane Anderson <dandersn@ix.netcom.com>
 Subject: [5259] For Phil at pcw@netcom.com
 Message-ID: <199511080603.WAA19887@ix7.ix.netcom.com>

Sorry Phil but the messages are coming thru. I get 40 - 50 per day.

No problem here.

Duane, KJ7H0

From qrp-1@lehigh.edu Wed Nov 8 14:40:00 1995
From: Bill Northup <northup@sw.stratus.com>
Subject: [5222] fox
Message-ID: <199511071610.LAA04834@blackdog.sw.stratus.com>

It's always a surprise what you find here in qrp-1. I saw that Pat (KC1TD) couldn't hear the fox in Acton Ma. Well I also live in Acton and could not find the fox. There were several times while listening on 7,044 that I picked up a distant dit dit but could never pick up any more of a call than K5. I did hear KK5KX talking with someone asking about the fox. We don't seem to be doing well in the NorthEast this year.

Bill N1QPR

--

Bill Northup	PHONE:	(508) 460-2085
Stratus Computer Inc.	INTERNET:	northup@sw.stratus.com
55 Fairbanks Boulevard	Amateur Radio:	N1QPR
Marlboro, MA 01752		QRP-NE #307
	NorCal	#1027

From qrp-1@lehigh.edu Wed Nov 8 14:40:00 1995
From: George.Gingell@bbs.abs.net (George Gingell)
Subject: [5209] FOX HUNT
Message-ID: <1995Nov07.094856.10362@abs.net>

FOX caught trying to sneak thru Maryland at 0306Z HE WAS 559 in spite of SSB QRM, QSB & QRN. We also worked Larry W1HUE/7 in Idaho 339 both ways. He was 5 watts and I was running 1 watt (argo 509) and 80 M horiz loop. Also worked Joe N3PM at 0327z he 599 me 569. That was right after he worked the fox. Then the fox slinked off again. Good fun in spite of conditions. At least the band opened up here and there. QRP DX TU (C)1986 Danny Gingell, K3TKS@bbs.abs.net

--

George Gingell, user of the UniBoard System @ abs.net
E-Mail: George.Gingell@bbs.abs.net
The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA
Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From qrp-1@lehigh.edu Wed Nov 8 14:40:00 1995
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [5215] FOX: prelim
Message-ID: <199511071535.PAA08173@chuck.dallas.sgi.com>

Gang,

I worked 23 stations last night and sorry, but
I left the house at dark this morning and forgot
to pick up the log.

1. Band was noisy and signals were weak except for a couple.
2. When working a weak signal that is in or just above the noise, even I can't copy you at 25 or 30wpm!! :-)
Doesn't hurt to QRS in noisy conditions.
3. I got bumped from my frequency by someone from the group a few QSOs after I worked them. This threw some people off as I moved down a couple of KHz.
We may have to come up with a rule or judgement on this. Not that the fox has any special priviledges, but it probably made a few people think that I had disappeared.
4. I'll probably set it up again one more time for me to do again in Jan or so.
5. QRN was bad in TX and later I talked to Douglas Preston on the phone and we tried NY to TX with 5W (his) and 1W not a peep, even though we were both hearing a C0 and others at the same time.

Film at 11.

Thanks to all that I worked. It seemed more challenging than SS.

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From qrp-1@lehigh.edu Wed Nov 8 14:40:00 1995
From: Johnson_Dan@AAC.COM
Subject: [5219] FOX: tn timer; noise cancellation accident
Message-ID: <9511071901.22763.aa@SMROUTER.AAC.COM>

I was so excited to finally bag a fox after coming up empty for two weeks that I'm afraid I gave Our Hero a pretty poor QSO. Chuck, thanks for the contact, and thank you especially for dreaming up this idea. At this stn, it has had the following results:

1. It got me back on the air on a regular basis despite a hectic schedule.
2. The last foxless (WW7Y) evening motivated me to break out the maintenance manual and adjust the IC745 receiver. Recent years' boatanchor activity here has netted all the equipment needed to do that. Rig hears much better now, and the IF filters are back to "useful".
3. Accidentally discovered a noise cancellation antenna which allowed me to hear K5FO through knarly QRN last night: attached a 40M dipole to a 5 MHz (don't ask) loop and found that it heard far better than any antenna alone. Manually switched between the contraption for RX and a trap vertical for TX.

Congratulations to Kent Torell/KJ7EY: welcome back to ham radio, and I admire your guts for making SS your first foray back into the ionosphere. You done good!

72 de KC4EWT
Johnson_Dan@aac.com
Herndon VA (<--- didn't tell you that last night, Chuck)

From qrp-1@lehigh.edu Wed Nov 8 14:40:00 1995
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
Subject: [5227] FS: Heath HW-8 with mods, HWA-7-1 power supply
Message-ID: <Pine.3.89.9511071432.A13400-0100000@w3eax.umd.edu>

HW-8 in excellent shape with built-in speaker, Ten-Tec CWF-2, vernier drive for silky smooth tuning, SO-239 antenna jack, ground binding post, button and mini-pot that were never used (was going to be spot control), and dial light. All building and mods were VERY nicely done.

I have a HW-9 and got the HW-8 last week in a trade with a fellow netter.

I'm keeping the HW-9, as I only have room for one Heath QRP rig in my shack.

The HW-8 covers 80, 40, 20, and 15 meters with a direct-conversion receiver, preselector, and loading control. It's spec'd for 3 watts output on 80, 40, and 20, and 2.5 on 15, and has no problem with meeting those specs. Draws <100 mA on receive and a few hundred on xmit.

The HWA-7-1 is adequate to drive the rig. Asking \$170/offer for all.

Call me at 301-549-1022 (h) or 301-982-1015 (w) - will listen to reasonable offers.

Scott Rosenfeld NF3I Burtonsville, MD FM19 QRV 40-10/6/2/440
** Yes, you CAN do VHF contests with 25W and omni antennas **
Still stuck at 138 countries confirmed on HF w/dipoles...

72 & 73 from lovely suburban DC 301-549-1022 weekends/evenings

From qrp-1@lehigh.edu Wed Nov 8 14:40:00 1995
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
Subject: [5242] FS: HW-8, HWA-7-1, addendum
Message-ID: <Pine.3.89.9511071830.C13970-01000000@w3eax.umd.edu>

I forgot to mention I have all manuals for the HW-8.

Again, HW-8 with vernier drive, TT CWF-2, dial light, SO-239 ant jack, ground binding post, HWA-7-1 power supply, and manual for \$170/offer, everything in excellent shape (case has a few nicks but not many).

Scott Rosenfeld NF3I Burtonsville, MD FM19 QRV 40-10/6/2/440
** Yes, you CAN do VHF contests with 25W and omni antennas **
Still stuck at 138 countries confirmed on HF w/dipoles...

72 & 73 from lovely suburban DC 301-549-1022 weekends/evenings

From qrp-1@lehigh.edu Wed Nov 8 14:40:00 1995
From: moyle@essc.psu.edu (Alfred M. Moyle)
Subject: [5232] HW-9 Crystal Filters
Message-ID: <9511071935.AA01362@seismic.geosc.psu.edu>

Does anyone know of a good source of the 8.83 MHz crystals needed to build

filters for the HW-9?

Tnx es 72/73,

Al Moyle N3KFL
(moyle@essc.psu.edu)

From qrp-1@lehigh.edu Wed Nov 8 14:40:00 1995
From: "George C. Dorner" <gdorner@harper.cc.il.us>
Subject: [5257] Late SS Report
Message-ID: <Pine.3.87.9511072119.A29841-0100000@hp-h50.harper.cc.il.us>

I did it for Chuck and the greater glory of QRP!

I generally don't like SS, but I put in enough time to make 100 Q's because of the exhortations and cheerleading here. Actually, I think it was:

113 Q's
47 sections
About 8 hours, while doing other tasks in and out of the shack. I hit 100 around 9:00 AM and quit after working some novices.
1 watt on Argo
509 w. 208 filter. Left the DSP off.
160 m loop antenna
Wouldn't have done it w/o my Super CMOS (old style) keyer

QRP-QRP: K5IID K0FRP/Q

It was fun except for the time I spent worrying about the type A QRO ops who call CQ too long and listen for about 1.5 secs before resuming CQ.

This is not a gentleman's sport!

geo/w9zsjs

George C. Dorner	gdorner@harper.cc.il.us
Technology, Math, & Physical Science Division	CIS 70536,106
William Rainey Harper College	w9zsjs@ke9yq.ampr.org
1200 W. Algonquin Rd.	
Palatine, IL 60067-739	Sometimes you think ..Welllll..
(708) 925-6445	.. and other times you just don't know!

From qrp-1@lehigh.edu Wed Nov 8 14:40:00 1995
From: Phil Wheeler <pcw@netcom.com>
Subject: [5254] Message Sparseness
Message-ID: <Pine.3.89.9511071859.A9333-0100000@netcom13>

For some reason I am seeing very few messages on the list -- for the past two days. I'm wondering if something is amiss.

I would ask that someone send me two messages -- one posted on the list and the other sent to me at pcw@netcom.com. Preferably, this should be someone who is not accessing via netcom.com. The only messages I've seen today were from netcom users ... making me VERY suspicious that something is wrong.

Usually I see 30-50 msgs a day; the last two days its been on the order of 4 or 5. Looks/feels wrong.

Phil (pcw@netcom.com)

From qrp-1@lehigh.edu Wed Nov 8 14:40:00 1995
From: Phil Wheeler <pcw@netcom.com>
Subject: [5218] Multi-turn Pot for NC-40A
Message-ID: <Pine.3.89.9511070723.A6965-0100000@netcom11>

I'm about to build my NorCal 40A, with a KC-1. So I would like to use a multi-turn pot for the tuning control.

Ordered the Mouser catalog. Alas it has many, many multi-turn pots -- with a big range of prices.

Can anyone give me a part number of the one they have used in the NC-40A? I'd like to get one that will fit. for my purposes three-turn would probably do the job -- but I'll use 10-turn unit if that is the way to go.

In advance, thanks!

Phil (pcw@netcom.com)
aka W6TUH

From qrp-1@lehigh.edu Wed Nov 8 14:40:00 1995
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [5262] N90UH
Message-ID: <199511081411.0AA10321@chuck.dallas.sgi.com>

Gang,

Congrats to N90UH, Paulette Quick, for becoming a
Advanced+, i.e. she passed the 20wpm code test and
is getting ready for the written for the Extra.

Congratulations to each and everyone on this group
for accomplishments that they have made over the past
few years. Keep up the good work.

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From qrp-1@lehigh.edu Wed Nov 8 14:40:00 1995
From: V\$BCIESLAK@china.qgraph.com
Subject: [5208] NA5N QSLPretty Cool
Message-ID: <01HXCT2VTIXE00VTF4@hub.qgraph.com>

I got the coveted NA5N QSL yesterday....All I can say is pretty cool
Paul...Yours replaced the one I had to represent NM on my wall display.
I don't know when I've enjoyed reading a QSL more. My not as exciting
one is one the way....

73,
Brian

From qrp-1@lehigh.edu Wed Nov 8 14:40:00 1995
From: garyn@tir.com (Gary Newberry)
Subject: [5261] Need Glowbugs Info
Message-ID: <9511080651.AA23644@sun>

Hello, how do I subscribe to the glowbugs list ???

Sorry for the bandwidth but I deleted the previous post :(

Thanks !

Gary

WB8POK

```
~~~~~
Gary Newberry                                     | This Space |
E-Mail: garyn@tir.com                             |         |
Amateur Radio: WB8POK   wb8pok @ aa8gl.#nemi.mi.usa.noam | For Rent  |
~~~~~
```

Sometimes You're the windshield, sometimes you're the bug !|

From qrp-1@lehigh.edu Wed Nov 8 14:40:00 1995
From: ab253@rgfn.epcc.Edu (Andrew Hair)
Subject: [5220] Need Norcal Contest Help
Message-ID: <9511071604.AA00361@rgfn.epcc.Edu>

To all,

I'm not a member of the Norcal club yet (I know, shame on me) and am unable to answer a Norcal contest question. My local club, W5ES participated in the Spring "To the Field" contest back in April and managed to finish in 18th place. I just know the members are going to ask me the inevitable question: "18th place out of how many?"

Reasonable question, but I have no idea how many logs were turned in. Can anybody help? Would appreciate the help. Thanks.

Andrew Hair - AB5WB
El Paso, Texas

--

From qrp-1@lehigh.edu Wed Nov 8 14:40:00 1995
From: ab253@rgfn.epcc.Edu (Andrew Hair)
Subject: [5217] No Fox Heard in West Texas!

Message-ID: <9511071552.AA27258@rgfn.epcc.Edu>

To all,

I actually found a few hours last night to listen for the elusive fox here in El Paso. No luck, however. I did have a pleasant chat with Tim, AB50U over the local packet cluster during the hunt. Tim is about 45 miles away in Las Cruces, NM. We both heard a few QRPers calling Chuck, but no luck with Chuck. Stan, N6ULU cam booming in a little past 0310.

Oh well, maybe next time. It wouldn't be fun if we heard the fox every time, would it? Nah!

72's es Adios

Andrew Hair - AB5WB

--

From qrp-1@lehigh.edu Wed Nov 8 14:40:00 1995
From: plquick@facstaff.wisc.edu (Paulette Quick, N9OUH)
Subject: [5210] No fox in Madison
Message-ID: <v02110100acc4cfcdfeffc@[144.92.104.135]>

I tried for neaerly the entire two hour period, but no K5F0. Major disappointment. I too heard KK5KX loud and clear, and WA9PWP (Paul Goemans of Madison qrp fame) but no other 5 calls. Texas usually comes in pretty well here, otherwise.

Chuck, you'll just have to be the fox again so we propagationally challenged qrpers can get a contact with you.

72
N9OUH
Paulette Quick
plquick@facstaff.wisc.edu

From qrp-1@lehigh.edu Wed Nov 8 14:40:00 1995
From: "'AB7HI' Stephen Lee" <slee@u.washington.edu>
Subject: [5253] No FOX in WWA
Message-ID: <Pine.A32.3.91j.951107184308.63606A-100000@homer16.u.washington.edu>

Couldn't make out the foxy critter from Tacoma, Washington.
Did here Milo, NL7SA, sending QRL and CQ on 7.040. Heard
Larry, W1HUE, in a QSO with K5ID. Never heard K5ID though.
Larry, you were fading in and out quite rapidly. Milo was
solid for about a minute. There was a lot of activity at
7.038 and around 7.0415 just at the noise level.

Stephen Lee, AB7HI
slee@u.washington.edu

From qrp-1@lehigh.edu Wed Nov 8 14:40:00 1995
From: Craig LaBarge <74740.3166@compuserve.com>
Subject: [5229] NorCal Contest Certificate
Message-ID: <951107181813_74740.3166_EHB147-1@CompuServe.COM>

I had a pleasant surprise in yesterday's mail - a real nice certificate
from NorCal for placing first in last April's "Spring QRP to the Field"
event. The certificate has already occupied a place of honor in the shack
since this was my first-ever contest win (a feat that I'm not very likely
to repeat anytime soon). :-)

My thanks to the good folks of NorCal for sponsoring the event and for the
great certificate.

73, Craig WB3GCK

From qrp-1@lehigh.edu Wed Nov 8 14:40:00 1995
From: Clark Savage Turner WA3JPG <turner@safety.ICS.UCI.EDU>
Subject: [5249] PIN diodes as switches
Message-ID: <26867.815787768@safety.ics.uci.edu>

Anyone read the QST articles on receiver design? I have been modifying
my Kenwood 440 for a while now, and am starting to try to make my OMNI

VI into the radio of my dreams. A few little things need changing (like the relay I have mentioned, and the AGC needs tweaking, but I am onto that I think).

I read in the last QST receiver design article ("revisited") that the OMNI VI uses rectifier diodes that have a PIN structure that are less than optimal for second order products. Though the OMNI is well into the category of the high end ham transceivers like the FT 1000 and the TS 950, I am here in RF infested waters and want to do a little improvement, especially since it seems to be a simple thing to do.

Anyone replace the diodes on the bandpass board with PIN diodes? Has anyone measured the bias put to the diodes in there? Any suggestions? I will be talking to the Ten Tec engineers about it soon to try to figure out which diodes to use, but would really like any input from the group if anyone has thought about this.

Clark
WA3JPG

From qrp-1@lehigh.edu Wed Nov 8 14:40:00 1995
From: KE3FL@delphi.com
Subject: [5240] Ref [5187] Eveready Renewal Battery Chargers
Message-ID: <01HXD9GPMYWI9I6S9U@delphi.com>

Stephen: You can get technical info directly from Eveready for free. I went to a place selling the batteries and looked up the number on the display. They sent it right out. But, to answer your question, YES you need to use their charger, or design one of your own that does exactly the same thing. It is NOT a simple trickle charger as for NiCds. Good-luck
73 de KE3FL/Phil
:)

From qrp-1@lehigh.edu Wed Nov 8 14:40:00 1995
From: lewise@bga.com
Subject: [5212] SS - the outer limits...
Message-ID: <9511072316.AA0098@jake-4j.ip.realtime.net>

Well someone has to provide the data for the ends of the bell curve so here is a point for one end....Maybe you

can tell I'm not an avid tester...(maybe I shouldn't
forget when it's SS weekend next year !! :-()

In and out of the shack during a two and a half hour period
(while getting ready for company (gotta have some excuse..))
netted ten qsos from central Texas just north of Austin....
Seemed to be able to work about 1 out of 5 to 10
called. (Hunt and Pounce(peck(?)) only.) :-)

40 Meters approx 7030 - 7060 khz

Sections GA NC TN MI IL OK EPA IA

Prec A-5 B-4 Q-1

CK 91 82 77(2) 67(2) 60 58(2) 54

Sunday 1940Z-2210Z

10Qs x 2 Pts/Q x 8 secs = 160 Pts total....

Kenwood TS-450sat at 4.5 watts (I know, I know...working
on getting a real HB QRP rig....)
HF6V on ground with 21 radials
(I know... I know I should have more...Seemed like 500
when putting them in; they vary in length from 33 to 130 ft.)

- - - -
Larry E. Wise KA5T lewise@bga.com
206 Sinuso Drive 512-863-5870
Georgetown, Texas 78628-1520

From qrp-1@lehigh.edu Wed Nov 8 14:40:00 1995
From: "Rick" <rick@dns.enter.net>
Subject: [5223] SS CW score/new hams in contesting
Message-ID: <199511071652.LAA25371@dns.enter.net>

Hi,
This was my first time in SS CW and also my first
contest running QRP. I had a great time although
it doesn't really reflect it in the final score.

QSO's:19
Mult's: 11
Score : 418
Rig: Yaesu FT-747 running 5 watts

Ant: 400 ft dipole fed with ladder line up 35 ft.
Misc: Radio Shack DSP

I worked alot of 80's & 90's hams in the contest, but
I spent alot of time in the slow speed sections.

Heard 15m open up, but I never made a QSO on there.
Guess everybody was stomping all over me!!

72
Rick
N3MHW

From qrp-1@lehigh.edu Wed Nov 8 14:40:00 1995
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [5216] SS NE
Message-ID: <199511071536.PAA08187@chuck.dallas.sgi.com>

>From all that I've read, I think I'll do
K5F0/0/NE next year and be a rare section. :-)

dit dit

--
Chuck Adams (K5F0 CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From qrp-1@lehigh.edu Wed Nov 8 14:40:00 1995
From: ruswhite@netwest.com (Russell W. White)
Subject: [5255] ss qrp & fox
Message-ID: <199511080324.UAA06005@saguaro.netwest.com>

Using a little luck and a high degree of skill (or was it the other
way around?). Well, at any rate, among my many (or was that meager)
contacts that I made from Phoenix AZ was Rhode Island, which I guess
is pretty rear, and a QRP station in Mississippi.
I was running a Ten Tec Argonaut with a 4-band parallel dipole whose
center is maybe 30 feet high.

I caught the fox at abt 0245z (7:45PM mst(which AZ always is)) around
7043. I heard the fox a bit around 7110, 0200-0230z, with a signal
just above the noise level. His signal came up some and when I made
contact with him I sent a 449 but shortly after it started back down
again. I was using headphones and the OHR SCF-1A (switched capacitor

audio filter), which I really like.

72 de ab7jx

From qrp-1@lehigh.edu Wed Nov 8 14:40:00 1995
From: Rick Zabrodski <zabrodsk@med.ucalgary.ca>
Subject: [5234] SS VE6A0 with VE6GK op
Message-ID: <Pine.SUN.3.91.951107130810.12655B-100000@ume>

only on for 4 hrs but worked nearly 200 q's
sorry....club effort.....HAD to use the kilowatt with yagis at 50 and 70
feet ;-)
Anyway, worked and amazing number of Qrp fellows.....anybody from the list?

I am not sure if it was the rural location or the FT1000D reciever but
worked lots of guys R 5 S0 ! Other qrp guys had sigs better than some
qro.....just goes to show how the propagation gods make the decisions!

So why work Qro club station? I felt sorry for the local qro club
contest co ordinator who could not find enough cw ops. Also, I am
convincing these guys that qrp works. (Giving a talk to the local DX
chapter next month with my sierra and 40a for show and tell.) Finally, I
think I may try the super quiet location for some qrp contests in the
future.

BTW: Adam is now VE6GKJ (j for junior!)

Dr. Rick Zabrodski BSc, MD, CCFP(E)	*	VE6GK
Clinical Assistant Professor	*	NorCal 519 ARCI 7650 GQRP 8329
Faculty of Medicine, Univ. of Calgary	*	"Power is no substitute for skill"

From qrp-1@lehigh.edu Wed Nov 8 14:40:00 1995
From: GREGOIRE@VALLEY.NET (ERNEST GREGOIRE)
Subject: [5224] SS,QRP,& DUMB MOVES
Message-ID: <199511071726.MAA05985@dartvax.dartmouth.edu>

Hello Gang, I wasn't going to say anything about my S.S. happenings but
after reading a reading a few comments about code speed and logging programs
, well here goes.

I'm not much of a contesteer but I do like to work them to build up my code speed. I have no illusions about winning anything, but I do set personal goals. I actually did some calling this time and got replies as well. On 80 meters and on 15, didn't try 10, just didn't think of it.

I had about 20 contacts logged when I started working Connecticut stations one right after another, but something was wrong. They did not change my section worked no. Son of a gun, CT (the program did not have CT the state as a section), Soooooo!

I had a borrowed version 9,(mine was ver.8), not thinking too clearly at 0200 local time, I copied over the version 8 and wiped out all of the contcts that I had made until that point.

Went to bed.

Made 52 more contats the next day and was very happy with that!

Things I learned:

1. learn CT better,I called K1ea monday for an official upgrade.
2. Dont make decisions at 0200, especially with a bad sinus cold.
3. Most importantly, My qrp signal (5 watts) was recognized imediately, by all those I answered. I used my 20 db attenuator 99% of the time.

Conclusion: If I can gain the skill required to grab the information sent, the first time it is sent, then I can dramatically raise my score. IOW, It aint the equipment folks.

```
de AA1IK          N.E.-QRP-C. # 202    ( Lead by example, It is better to      )  
                  ( pull a string than it is to push it.)
```

Ernie Gregoire
RR 1 Box 221
Canaan, NH. 03741

New England QRP Club, information
available on request by sending me a
S.A.S.E. or via E-mail.

e-mail : GREGOIRE@VALLEY.NET
packet : AA1IK@WA1WOK.FN43FE.NH.USA

From grp-1@lehigh.edu Wed Nov 8 14:40:00 1995

From: "Norman E. Fink" <norm@uu1238.flowerslabs.com>
Subject: [5211] That ol' foxy FOX
Message-ID: <9511071445.AA29545@flowerslabs.com>

Chuck's signal was up and down here in central Florida. Managed to work him around 7043-44 khz. At that time he was 449, but shortly after that his sigs built up to 569!

Appeared that responses were quite spotty with periods of drought and then several contacts in a row. Heard most of the stations he was working, and usually at the same or better strengths than the reports Chuck was giving out.

Just another example of how propagation can be so different from various parts of the country.

From qrp-1@lehigh.edu Wed Nov 8 14:40:00 1995
From: richards@nylink.org
Subject: [5239] The Fox
Message-ID: <9511072118.AA07191@genesis.nylink.org>

Hi All,

Geez, I was so excited about finally hearing a fox that I forgot to tell Chuck my name. Good thing there was no QRM at all last night when I heard the cry of the lonely fox. CQing with no takers. I was going to give an RST of 119 but I think that means no signal so a 229 it was. It was kind of like listening to meteor scatter, with the occassional ping and the sig would come up to a 339 or 449 for a few seconds and drop back to just above the noise. Thanks for my first fox Chuck.

72 de Rick WZ2T NNY

From qrp-1@lehigh.edu Wed Nov 8 14:40:00 1995
From: KE3FL@delphi.com
Subject: [5233] Tuning Them In (Tuning Them up?)
Message-ID: <01HXD68QTDXU9I78W0@delphi.com>

Tuning Up a CW Station, by KE3FL

There have been a number of ways discussed on how to tune up on a cw station when your rig doesn't have a zero beat capability. Some rigs

allow you to listen to your side tone at the same time you tune in a station. However, if they use a square or triangle wave for the side tone this can still be confusing. On top of that, more and more rigs are coming out with no way to even do this. My MFJ 9040 and my Kenwood TS-50 are two examples; I'm sure there are more.

Since I play the guitar and I received one of those electronic tuners as a gift one year, I got the bright idea that perhaps I could use the guitar tuner to tune in a cw station. It works like a champ! I hit the side tone and found that its 800 Hz was around a B sharp (it really doesn't matter what it is so long as it can be matched up to tune in a station.) I then tuned in a station to a B sharp and I could not notice a difference between my side tone and the station being received. I must admit that a narrow filter comes in handy if there are numerous stations transmitting as there were during the November sweepstakes. I only selected strong stations and they all came back to me within one or two calls, even though I was running only 5 watts. It was difficult to test out on weak stations during the sweepstakes due to stronger stations being off frequency which caused the guitar tuner to respond. During relatively quiet times I was able to catch a station that told me I was 229 at 5 watts and 569 at 50. I did catch him while running 5 watts and after I had tuned him in using the guitar tuner.

The Kenwood TS-50 allows one to change the side tone frequency but this does not change the offset. The rig, however, is still set for an 800 Hz offset. This makes it very difficult to tune in a station since there is no longer a reference to the 800 Hz offset frequency. The guitar tuner helped in this situation since I just continued to tune for a B sharp.

It shouldn't cost a great deal to add such a tuning device to a rig. It would even be nice to have similar features as a guitar tuner: there could be three LEDs - one for on-frequency, one for sharp (too high) and one for flat (too low). The frequency at which the too/high/low LEDs flash would indicate how far off frequency the tuner is from the target station.

Good-luck & 73
de KE3FL/Phil

From qrp-1@lehigh.edu Wed Nov 8 14:40:00 1995
From: JCoote@aol.com
Subject: [5251] Want: Info, surplus radio programs
Message-ID: <951107205403_15838605@mail02.mail.aol.com>

First, my apology for a not-exactly QRP subject.

I am looking for information on any California State OES or Federal programs

which allocate resources to disaster communications (amateur) groups such as local city RACES, Hamwatches, etc.

I know of a Dept Of Defense program which allocates surplus equipment to law enforcement agencies, but activities have to be strictly anti-narcotic in nature to be eligible.

Thanks for the bandwidth,
Jay WB6AAM
Arcadia PD Hamwatch

From qrp-1@lehigh.edu Wed Nov 8 14:40:00 1995
From: Tom_Jennings <jennings@eng16.rochny.uspra.abb.com>
Subject: [5238] Re: confused about fox schedule
Message-ID: <jennings-9510072111.AA000210657@eng16>

In message M, Jeff Gold says:

> From: Jeff Gold <JMG@tnitech.edu>
> Subject: confused about fox schedule
> Date: Tue, 7 Nov 1995 15:52:08 EST
>
> I am somewhat confused about the fox schedule.. could have swore
> that it said the fox was tonight at 9pm EST.. was already to try.
>
> 73
>
> Jeff
>

Same here! Guess I didn't read the message close enough.

73

Tom, kv2x

Thomas J. Jennings | Tel: (716) 273 7071
Senior Engineer | Fax: (716) 273 7262
ABB Industrial Systems Inc. |
Post Office Box 22685 |
Rochester, New York 14692-2685

Internet: jennings@jennings.rochny.uspra.abb.com

From qrp-1@lehigh.edu Wed Nov 8 14:40:00 1995
From: pituch@usa.pipeline.com (Steven Pituch)
Subject: [5252] RE: Darrel WD6BOR, "History of QRP"

Darrel,
I posted this message to your personal E-Mail address but I'm having trouble with my service, and the message bounced. I think that I can still send it via QRP-L so here goes. Its of general interest anyway, especially if anyone missed K5F0's original message.

Darrel,
Per Chuck Adam's posting I sent \$12.00, on 10/16/95 to:

Adrian Weiss, WORSP
526 Dakota Street
Vermillion, SD 57069

This is good for First class in USA only. I asked for the "History of QRP". I wrote him a note describing how I cherished good radio books, and he autographed my copy. I received the book on 11/3. The book is a largish paperback, professionally bound, and the text is small, so there is a lot of words to read.

Ade is a Shakespearean drama professor who is a very colorful writer. His first chapter is a biography where he describes how he personally discovered that QRP was the essence of amateur radio. The rest of the book describes how QRP hams were the leaders in the development of amateur radio in the twenties, and describes the QRP movement until 1960. I am only half way through the book. Its a classic because QRP hasn't changed since that time. We can relate to every bit of the history.

I don't know how many books he has left. It was printed in 1987.

"The Joy of QRP" was printed earlier, and is out of print. K5F0 says he paid dearly for a good used copy of this one. I'm also looking for a copy.

Ade wrote the The Milliwatt: National Journal of QRPP. The back of the book says reprints are available and mention the HW-8 RIT and Wattmeter mods. Ask Ade in your letter about which issues pertain to the HW-8 and how much they

cost. Apparently he has the articles about the HW8 in a special package.

Chuck's original posting was long and quite inspirational also.

Good luck and I hope we meet on the air soon.

73/72,

Steve Pituch, N2MNN

PITUCH@USA.PIPELINE.COM

From qrp-1@lehigh.edu Wed Nov 8 14:40:00 1995
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [5214] Re: Fall Qso Party Logs via e-mail
Message-ID: <199511071526.PAA08145@chuck.dallas.sgi.com>

Cam says:

"Good Grieffff, a total of 143 logs so far!

Thanks, Cam N6GA"

Now I know about the load factor, but doesn't
that say something about the current health
of QRP?

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From qrp-1@lehigh.edu Wed Nov 8 14:40:00 1995
From: "Robert J. Gobrick" <rgobrick@public.compusult.nf.ca>
Subject: [5246] Re: Fall Qso Party Logs via e-mail
Message-ID: <199511072310.TAA16670@public.compusult.nf.ca>

Hi Cam,

I may have missed your posting on submitting the qrp arc contest logs via email. Is there a required format that you want? Would you accept raw log data from WB2QAP's QRP logging program? Anyway let us know (sorry if you

already posted this info). In my case I sent the logs in by mail - but I have to admit I probably wouldn't procrastinate as much if I was sending them by email - hi.

Thanks again for your dedication on bringing the QRP ARCI program back to life.

73/72 Bob V01DRB/WA6ERB

At 09:30 11/7/95 EST, you wrote:

>Guys and Girls,

>

>I have received logs for the Fall QSO Party via e-mail from the people on the
>following list. If you sent your log to me by wire and are not on the list,
>let me know soon so I can check it out.

>

Bob Gobrick - V01DRB/WA6ERB/VE2DRB - Newfoundland, Canada
QRPer Galore - ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP
Internet: rgobrick@public.compuserve.nf.ca
bgobrick@terra.nlnet.nf.ca
Compuserve: 70466.1405@compuserve.com

From qrp-1@lehigh.edu Wed Nov 8 14:40:00 1995

From: aa7qy@primenet.com (Roger Hightower)

Subject: [5225] Re: FOX: prelim

Message-ID: <199511071744.KAA21968@usr3.primenet.com>

At 10:35 AM 11/7/95 EST, chuck adams wrote:

>3. I got bumped from my frequency by someone from the
> group a few QSOs after I worked them. This threw
> some people off as I moved down a couple of KHz.
> We may have to come up with a rule or judgement on
> this. Not that the fox has any special privileges,
> but it probably made a few people think that I had
> disappeared.

Didn't hear the fox in AZ at all. Mebbe next time.

I would hope that on "fox nights" people in the group would have the courtesy to stay clear of the known fox freqs (7.040 and 7.110) until

States worked 44 (missed Nebraska, S. Carolina, Alaska,
Wyoming, Washington, and North Dakota)

Rig: Kenwood TS-450SAT

Power output 5 watts

Antenna - 132ft coax center fed dipole at 25ft

QRP to QRP: 5

Number of Qs by band:

80 Meters: 66

40 Meters: 78

20 Meters: 21

15 Meters: 46

I worked S & P the whole time with my best hour of 17
Qs in an hour. If I can get my code speed into the middle
to upper 20s I will be able to do a lot better. I am already
looking forward to next year. I wish that I could
participate in CQ WW DX CW this year. I need to get my
country totals up.

cheers and 73 - Warren

--

Warren E. Lewis

Technical Support Division

SAS Institute Inc.

Cary, NC

saswel@unx.sas.com

(919) 677-8001 x6542

PP-ASEL

AD4ZE

DOD#0021

From qrp-1@lehigh.edu Wed Nov 8 14:40:00 1995

From: ssalgaller@CCGATE.HAC.COM

Subject: [5247] Re: Mercury Wetted Reed Relays

Message-ID: <9510078157.AA815786662@CCGATE.HAC.COM>

ALL Electronics Corp. has DIP sized miniature Mercury wetted
reed relays for \$3 each. They are only SPST, but will work
in any position. CAT# RLY-269

Order toll free (800) 826-5432

They have a catalog chock full of terminals, toroids,
transistors and transformers; most parts new; some
assemblies (like power supplies). The cat. s/b free.

Stephen S.

WA3ZGT

PS: Usual Disclaimer: I have no stake in AEC.

From qrp-1@lehigh.edu Wed Nov 8 14:40:00 1995
From: Clark Savage Turner WA3JPG <turner@safety.ICS.UCI.EDU>
Subject: [5248] Re: Mercury Wetted Reed Relays
Message-ID: <26824.815787389@safety.ics.uci.edu>

What IS a mercury wetted reed relay? This has been suggested to me as a "quieter" (audio wise) replacement for the reed relay in my OMNI VI. I have several questions:

1. Is the DIP mount a standard mount, like the reed relay in my rig already?
2. Is there a difference in close / open times with the two different relays? Is there anything to worry about when replacing one with the other?

Thanks for any input.

Clark
WA3JPG

From qrp-1@lehigh.edu Wed Nov 8 14:40:00 1995
From: Joe Spencer <jspencer@metronet.com>
Subject: [5237] Re: NA5N QSLPretty Cool
Message-ID: <Pine.HPP.3.90.951107150740.13974A-1000000@fohnix.metronet.com>

Hi All,

I too received one of these excellant QSL cards. Interestingly enough it was featured in a recent editorial by Wayne Green in his 73 magazine about pride in QSL cards and 73's QSL card contest...check it out and then you will have an idea how neat a card this is... tho' it's even better in color and on my wall!! :-)

73/72 Joe KK5NA

On Tue, 7 Nov 1995 V\$BCIESLAK@china.qgraph.com wrote:

> I got the coveted NA5N QSL yesterday....All I can say is pretty cool
> Paul...Yours replaced the one I had to represent NM on my wall display.
> I don't know when I've enjoyed reading a QSL more. My not as exciting

QRP kit/rigs, inherently allow you set your sidetone pitch. The frequency of the receiver and transmitter is determined by the VFO. The VFO frequency is mixed with (usually) an XTAL to form the transmit frequency, in the good old NE602's for most rigs. You adjust a cap or coil to alter the crystal frequency to ensure your TX offset is 700 Hz. Then you go back to the receiver side and adjust the BFO for the 700 Hz offset. That way, you tune in a station until the "tone" is the same as your sidetone. The difference is zero, thus you're zero beated (though listening to 700 Hz). The only popular rig I know of that does not allow adjustment of this is the NN1G SW-40 ... but he accomplishes this by matching the crystals in the BFO/product detector AND the TX mixer to be 700 Hz off to produce the proper offset.

However, having said that, your proposals of finding alternative tones, such as musical B-flats, has great merit. I keep my sidetone on 700 Hz as I can't remember what 700 Hz sounds like one nite to the next.

But virtually all transceivers have the provisions to independently skew the transmit offset and the product detector tone. In some cases, it does require test equipment to properly check, or another receiver.

Paul NA5N

PS - only instrument I play is a juice harp. Hard as heck finding a B flat on that!

From qrp-1@lehigh.edu Wed Nov 8 14:40:00 1995
From: KE3FL@delphi.com
Subject: [5241] Re: Tuning Them In (Tuning Them Up?)
Message-ID: <01HXD9LYBRT49I6S9U@delphi.com>

Some of you have misunderstood what I was trying to get at. So, I must not have been clear enough.

Some rigs do not allow you to play your side tone at the same time as listening to a station you wish to contact. This causes you to GUESS that you are on the correct frequency. (My Ten Tec rigs had Zero Beating, it's beautiful! I'm ALWAYS dead nuts on freq with those rigs!) My Yaesu allows me to listen to the side tone & the station I want to contact, when the two tones are the same I'm on frequency. So, with that said, how does one do it with a rig that does not have one of these two methods? One simply guesses. Tune up for a good strong signal & then send, listen to you side tone & when

the other station comes back (if you're close enough, which in general you are, you can then retun a bit more, what a pain!) Now come my use of a guitar tuner. IF AND ONLY IF your side tone is the same as the VFO offset (on the MFJ and Kenwood TS-50 they are, on the TS-50 they are set for 750 Hz.) Now, TX into a dummy load and set the guitar tuner on the speaker, note the pitch (in my case a B sharp, sort of), now attach your antenna, pick a signal, tune it in until the guitar tuner reads the same as your side tone did and like magic, your right on frequency! (as long as you didn't tune up an octave lower or higher, hi hi).

Hope that clears up the questions,
thanks, gud-lick & 73
de KE3FL/Phil
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